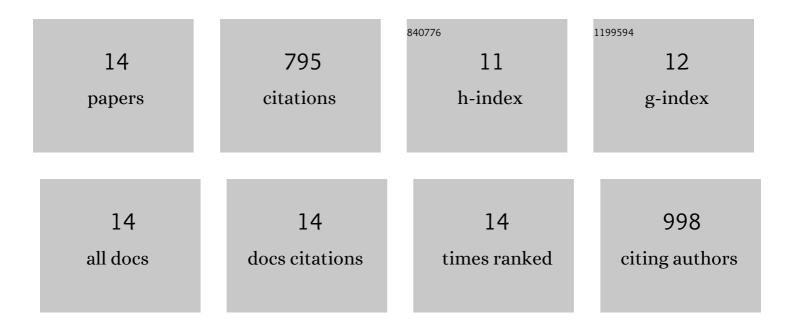
Abhijeet Dhiman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11436920/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Aptamer-based point-of-care diagnostic platforms. Sensors and Actuators B: Chemical, 2017, 246, 535-553.	7.8	167
2	Aptamer-mediated colorimetric and electrochemical detection of Pseudomonas aeruginosa utilizing peroxidase-mimic activity of gold NanoZyme. Analytical and Bioanalytical Chemistry, 2019, 411, 1229-1238.	3.7	162
3	ABCs of DNA aptamer and related assay development. Biotechnology Advances, 2017, 35, 275-301.	11.7	143
4	Simple Methods and Rational Design for Enhancing Aptamer Sensitivity and Specificity. Frontiers in Molecular Biosciences, 2018, 5, 41.	3.5	105
5	Aptamer-Based TB Antigen Tests for the Rapid Diagnosis of Pulmonary Tuberculosis: Potential Utility in Screening for Tuberculosis. ACS Infectious Diseases, 2018, 4, 1718-1726.	3.8	51
6	Generation and application of DNA aptamers against HspX for accurate diagnosis of tuberculous meningitis. Tuberculosis, 2018, 112, 27-36.	1.9	34
7	A novel aptamer-based test for the rapid and accurate diagnosis of pleural tuberculosis. Analytical Biochemistry, 2019, 564-565, 80-87.	2.4	32
8	Rational truncation of aptamer for cross-species application to detect krait envenomation. Scientific Reports, 2018, 8, 17795.	3.3	31
9	<p>Structural switching electrochemical DNA aptasensor for the rapid diagnosis of tuberculous meningitis</p> . International Journal of Nanomedicine, 2019, Volume 14, 2103-2113.	6.7	24
10	Theranostic Application of a Novel G-Quadruplex-Forming DNA Aptamer Targeting Malate Synthase of Mycobacterium tuberculosis. Molecular Therapy - Nucleic Acids, 2019, 18, 661-672.	5.1	19
11	Complex target SELEX-based identification of DNA aptamers against Bungarus caeruleus venom for the detection of envenomation using a paper-based device. Biosensors and Bioelectronics, 2021, 193, 113523.	10.1	15
12	Aptamer Technology for the Detection of Foodborne Pathogens and Toxins. , 2019, , 45-69.		6
13	Aptamer-Mediated Nanobiosensing for Health Monitoring. , 2019, , 227-248.		4
14	Assessment of DNA aptamers targeting GlcB and HspX antigens for application in the diagnosis of abdominal tuberculosis. Tuberculosis, 2022, 134, 102206.	1.9	2